

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AlB2: Alford-----	100	Very limited Frost action Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.50	Not limited	
AlB3: Alford-----	100	Very limited Frost action Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.50	Not limited	
AlC2: Alford-----	100	Very limited Frost action Shrink-swell Slope	1.00 0.50 0.04	Somewhat limited Cutbanks cave Slope	0.50 0.04	Somewhat limited Slope	0.04
AlC3: Alford-----	100	Very limited Frost action Shrink-swell Slope	1.00 0.50 0.04	Somewhat limited Cutbanks cave Slope	0.50 0.04	Somewhat limited Slope	0.04
AlD2: Alford-----	100	Very limited Frost action Slope Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.50	Very limited Slope	1.00
AlD3: Alford-----	100	Very limited Frost action Slope Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.50	Very limited Slope	1.00
AlE2: Alford-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.50	Very limited Slope	1.00
AlE3: Alford-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.50	Very limited Slope	1.00
Ar: Armiesburg-----	90	Very limited Frost action Flooding Shrink-swell	1.00 1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ay: Ayrshire-----	90	Very limited Frost action Depth to saturated zone Shrink-swell	1.00 0.94 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Somewhat limited Depth to saturated zone	0.94
Ba: Bartle-----	90	Very limited		Very limited		Somewhat limited	

			Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
			Depth to saturated zone	0.94	Cutbanks cave	0.10		
			Shrink-swell	0.50				
B1B:								
Bloomfield-----	100		Not limited		Very limited		Somewhat limited	
					Cutbanks cave	1.00	Droughty	0.06
B1C:								
Bloomfield-----	100		Somewhat limited		Very limited		Somewhat limited	
			Slope	0.04	Cutbanks cave	1.00	Droughty	0.06
					Slope	0.04	Slope	0.04
B1D:								
Bloomfield-----	100		Very limited		Very limited		Very limited	
			Slope	1.00	Cutbanks cave	1.00	Slope	1.00
					Slope	1.00	Droughty	0.06
B1F:								
Bloomfield-----	100		Very limited		Very limited		Very limited	
			Slope	1.00	Slope	1.00	Slope	1.00
					Cutbanks cave	1.00	Droughty	0.06
Bo:								
Bonnie-----	100		Very limited		Very limited		Very limited	
			Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
			Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
			Depth to saturated zone	1.00	Cutbanks cave	0.10		
CcB2:								
Cincinnati-----	100		Very limited		Very limited		Not limited	
			Frost action	1.00	Depth to saturated zone	1.00		
			Shrink-swell	0.50	Cutbanks cave	0.10		
CcC2:								
Cincinnati-----	100		Very limited		Very limited		Somewhat limited	
			Frost action	1.00	Depth to saturated zone	1.00	Slope	0.04
			Shrink-swell	0.50	Cutbanks cave	0.10		
			Slope	0.04	Slope	0.04		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CcC3:							
Cincinnati-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.43
		Depth to saturated zone	0.43	Cutbanks cave	0.10	Slope	0.04
		Slope	0.04	Slope	0.04		
CcD2:							
Cincinnati-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
CcD3:							
Cincinnati-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Depth to saturated zone	0.43
		Depth to saturated zone	0.43	Cutbanks cave	0.10		
Cu:							
Cuba-----	100	Very limited		Somewhat limited		Very limited	
		Frost action	1.00	Flooding	0.80	Flooding	1.00
		Flooding	1.00	Depth to saturated zone	0.15		
				Cutbanks cave	0.10		
En:							
Elston-----	100	Not limited		Very limited		Not limited	
				Cutbanks cave	1.00		

GbF:							
Gilpin-----	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10		
Berks-----	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.42	Droughty	0.81
				Cutbanks cave	0.10	Content of large stones	0.54
						Depth to bedrock	0.42
						Gravel content	0.31
Hd:							
Haymond-----	90	Very limited		Somewhat limited		Very limited	
		Frost action	1.00	Flooding	0.80	Flooding	1.00
		Flooding	1.00	Depth to saturated zone	0.15		
				Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HkE2:							
Hickory-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
HkF:							
Hickory-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
HoA:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
HoB2:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
HoB3:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
HoC2:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10	Slope	0.04
		Slope	0.04	Slope	0.04		
HoC3:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.10	Slope	0.04
		Slope	0.04	Slope	0.04		
HoD2:							
Hosmer-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HoD3: Hosmer-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Slope	1.00	Slope	1.00	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
IoA: Iona-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.99	Not limited	
		Shrink-swell	0.50	Cutbanks cave	0.50		
IoB2: Iona-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.99	Not limited	
		Shrink-swell	0.50	Cutbanks cave	0.50		
IvA: Iva-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
IvB2: Iva-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
Kn: Kings-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	1.00	Too clayey	0.50	Too clayey	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Ls: Lyles-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	1.00		
Ly: Lyles-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	1.00		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaB2: Markland-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	0.50	Too clayey	0.32		
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
MaD2: Markland-----	100	Very limited Shrink-swell	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Too clayey	0.32		
		Frost action	0.50	Cutbanks cave	0.10		

Mg:							
Mcgary-----	90	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to	1.00	Depth to	0.94
		saturated zone	0.94	saturated zone	0.12	saturated zone	
		Depth to		Too clayey			
		Frost action	0.50	Cutbanks cave	0.10		
Mo:							
Montgomery-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Depth to	1.00				
		saturated zone					
NeF:							
Negley-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
No:							
Nolin-----	90	Very limited		Somewhat limited		Very limited	
		Frost action	1.00	Flooding	0.80	Flooding	1.00
		Flooding	1.00	Depth to	0.15		
				saturated zone			
				Cutbanks cave	0.10		
PaB2:							
Parke-----	100	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Cutbanks cave	0.10		
PaC2:							
Parke-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Cutbanks cave	0.10	Slope	0.04
		Slope	0.04	Slope	0.04		
PaC3:							
Parke-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Cutbanks cave	0.10	Slope	0.04
		Slope	0.04	Slope	0.04		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PaD2:							
Parke-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Cutbanks cave	0.10		
Pe:							
Peoga-----	100	Very limited		Very limited		Very limited	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Po:							
Petrolia-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to	1.00	Flooding	1.00
				saturated zone			
		Flooding	1.00	Flooding	0.80	Depth to	1.00
						saturated zone	
		Depth to	1.00	Cutbanks cave	0.10		
		saturated zone					
		Shrink-swell	0.50				
PrA:							
Princeton-----	100	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
PrB2:							
Princeton-----	100	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
PrC2:							
Princeton-----	100	Somewhat limited		Very limited		Somewhat limited	
		Frost action	0.50	Cutbanks cave	1.00	Slope	0.04
		Slope	0.04	Slope	0.04		
PrD2:							
Princeton-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Cutbanks cave	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00		

Ra:							
Ragsdale-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
Re:							
Reesville-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ro:							
Ross-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Sr:							
Stendal-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
St:							
Strip Mines-----	100	Not rated		Not rated		Not rated	
Vg:							
Vigo-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Vn:							
Vincennes-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
W:							
Water-----	100	Not rated		Not rated		Not rated	
Wa:							
Wakeland-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
WeD2:							
Wellston-----	100	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to hard bedrock	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets	Shallow excavations	Lawns and landscaping
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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WeD3: Wellston-----	100	Very limited Frost action Slope Shrink-swell	1.00 1.00 0.50	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00
WeE: Wellston-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave Depth to hard bedrock	1.00 0.10 0.04	Very limited Slope	1.00
WeF: Wellston-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave Depth to hard bedrock	1.00 0.10 0.04	Very limited Slope	1.00
ZaB2: Zanesville-----	100	Very limited Frost action Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Depth to hard bedrock Cutbanks cave	1.00 1.00 0.10	Not limited	
ZaC2: Zanesville-----	100	Very limited Frost action Shrink-swell Slope	1.00 0.50 0.04	Very limited Depth to saturated zone Depth to hard bedrock Cutbanks cave Slope	1.00 1.00 0.10 0.04	Somewhat limited Slope	0.04
ZaC3: Zanesville-----	100	Very limited Frost action Depth to saturated zone Slope	1.00 0.19 0.04	Very limited Depth to saturated zone Depth to hard bedrock Cutbanks cave Slope	1.00 1.00 0.10 0.04	Somewhat limited Depth to saturated zone Slope	0.19 0.04
ZaD2: Zanesville-----	100	Very limited Frost action Slope Shrink-swell	1.00 1.00 0.50	Very limited Slope Depth to saturated zone Depth to hard bedrock Cutbanks cave	1.00 1.00 1.00 0.10	Very limited Slope	1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZaD3: Zanesville-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Slope	1.00	Slope	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Depth to hard bedrock Cutbanks cave	1.00 0.10		
Zp: Zipp-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.24		
		Frost action	0.50	Cutbanks cave	0.10		
Zs: Zipp-----	100	Very limited Shrink-swell	1.00	Very limited Depth to	1.00	Very limited Depth to	1.00

		Depth to	1.00	saturated zone		saturated zone
		saturated zone		Too clayey	0.24	
		Frost action	0.50	Cutbanks cave	0.10	